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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Lakshman R. SEHGAL, et al. ART UNIT: 1635  
SERIAL NO.: 10/725,013 EXAMINER: Brian A. Whiteman  
FILING DATE: December 2, 2003  
FOR: EX VIVO AND IN VIVO EXPRESSION OF THE  
THROMBOMODULIN GENE FOR THE TREATMENT OF  
CARDIOBASCULAR AND PERIPHERAL VASCULAR  
DISEASES

**DECLARATION UNDER RULE 1.132**

ASSISTANT COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

SIR:

I, LAKSHMAN R. SEHGAL, do hereby declare as follows:

I am the first named inventor of the above-identified patent application. I have a Ph.D. degree in Biology, principally covering the fields of Microbiology and Biochemistry, from the Illinois Institute of Technology and have worked closely with cardiovascular, vascular and trauma surgeons for over three decades. I am the primary inventor on six patents related to a hemoglobin based oxygen carrier; a co-inventor on two patents related to emulsion based oxygen carrier; the first named inventor on a pending application related to a platelet preservative solution and first named inventor on two pending applications in the field of gene therapy. I have over 150 publications in peer reviewed journals and chapters in medical textbooks. The